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NORTH AMERICAN STONEFLIES (PLECOPTERA): SYSTEMATICS, DISTRIBUTION, AND TAXONOMIC REFERENCES

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Abstract.—A list of 537 Nearctic stonefly species is provided and distributions of all species are given by U.S. state and Canadian province. The list includes a bibliography of systematic and biogeographic papers published since the Zwick (1973) catalogue.

Periodically, it is useful to update catalog information on such well-studied groups as the nearctic Plecoptera. The most recent update by Baumann (1976) included distributions of genera by regions and reported a total of 470 nearctic species; prior to that list, the Illies (1966) and Zwick (1973) catalogs provided sources from which distributional data could be extracted. Unfortunately, not only are these works somewhat unavailable to workers, but also they are somewhat out of date. Consequently, we present this list of 537 species currently recognized (as of January 1986) from North America. Distribution records are reported by standard postal service abbreviation for U.S. states and Canadian provinces; Mexican records are given as MX, but only those species of nearctic origin are included because of the poor state of knowledge of the neotropical *Anacroneuria*. The list includes unpublished records provided by B. C. Kondratieff and R. F. Kirchner, along with a few from our personal collections, and the bibliography includes only those papers published since the Zwick (1973) catalog that contain new state or province records, or which reflect systematic changes for nearctic Plecoptera.

Since this list is likely to expand and undergo change as generic and specific limits are refined and phylogenetic affinities are postulated, we are maintaining the list in computer files. Currently we are using IBM and AT&T personal computers with Wordstar and WordPerfect software and a fortran program developed at Mississippi College for the HP 3000 mainframe academic computer. We suggest others with a vital interest in Plecoptera may also want to adopt this approach.

List of Abbreviations

AB	Alberta	KS	Kansas
AL	Alabama	KY	Kentucky
AK	Alaska	LA	Louisiana
AR	Arkansas	LB	Labrador
AZ	Arizona	MA	Massachusetts
BC	British Columbia	MB	Manitoba
CA	California	MD	Maryland
CO	Colorado	ME	Maine
CT	Connecticut	MI	Michigan
DC	District of Columbia	MN	Minnesota
DE	Delaware	MO	Missouri
FL	Florida	MS	Mississippi
GA	Georgia	MT	Montana
IO	Iowa	MX	Mexico
ID	Idaho	NB	Nebraska
IL	Illinois	NC	North Carolina
IN	Indiana	ND	North Dakota

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NF	Newfoundland	RI	Rhode Island
NH	New Hampshire	SC	South Carolina
NJ	New Jersey	SD	South Dakota
NM	New Mexico	SK	Saskatchewan
NS	Nova Scotia	TN	Tennessee
NT	Northwest Territories	TX	Texas
NV	Nevada	UT	Utah
NW	New Brunswick	VT	Vermont
NY	New York	VA	Virginia
OH	Ohio	WA	Washington
OK	Oklahoma	WI	Wisconsin
ON	Ontario	WV	West Virginia
OR	Oregon	WY	Wyoming
PA	Pennsylvania	YK	Yukon
QB	Quebec		

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EUHOLOGNATHA

Capniidae

Capniinae

Allocapnia

aurora Ricker	AL, DC, GA, MD, MS, NC, SC, TN, VA
brooksi Ross	TN
cunninghami Ross & Ricker	KY, TN
curiosa Frison	KY, MD, NY, PA, VA, WV
forbesi Frison	IL, IN, KY, OH, TN, WV
frisoni Ross & Ricker	KY, NY, OH, PA, TN, VA, WI, WV
frumi Kirchner	WV
fumosa Ross	NC, TN, VA
granulata (Claassen)	AL, AR, DC, IA, IL, IN, KS, KY, LA, MB, MD, MI, MN, MO, MS, NJ, NY, OH, OK, ON, PA, QB, TN, TX, VA, WI, WV
harperi Kirchner	VA, WV
illinoensis Frison	IL, IN, ME, MN, NY, OH, ON, QB, VA, WI
indianae Ricker	IN, KY, NY, OH
jeanae Ross	AR, OK
loshada Ricker	TN, VA, WV
malverna Ross	AR, LA, OK, TX
maria Hanson	CT, MA, MD, ME, NH, NS, NW, NY, PA, QB, VA, VT, WV
minima (Newport)	CT, IN, MA, ME, MI, MN, NF, NH, NS, NW, NY, ON, QB, VT, WI
mohri Ross & Ricker	AR, MO, OK
mystica Frison	AL, AR, GA, IL, IN, KY, MO, MS, OH, TN, VA, WV
nivicola (Fitch)	AL, CT, DC, DE, IL, IN, KY, MA, MD, NC, NJ, NS, NW, NY, OH, PA, QB, RI, TN, VA, VT, WI, WV
ohioensis Ross & Ricker	IN, KY, NY, OH, WV
ozarkana Ross	AR
pechumani Ross & Ricker	NW, NY, QB
peltoides Ross & Ricker	AR, OK
perplexa Ross & Ricker	TN
polemistis Ross & Ricker	AL
pyginaea (Burmeister)	CT, DC, IN, KY, MA, MD, ME, MI, MN, MO, NH, NS, NW, NY, ON, PA, QB, RI, TN, VA, VT, WI, WY
recta (Claassen)	AL, CT, DC, DE, GA, IL, IN, KY, MA, MD, ME, MS, NC, NH, NS, NY, OH, ON, PA, QB, SC, TN, VA, VT, WI, WV
rickeri Frison	AL, AR, DC, DE, GA, IA, IN, KS, KY, MD, MN, MO, MS, NC, NJ, NY, OH, OK, ON, PA, TN, VA, WI, WV
sandersoni Ricker	AR, MO, OK
simmonsi Kondratieff & Voshell	VA
smithi Ross & Ricker	AL, IL, KY, OH
stannardi Ross	NC, TN, VA
tennessa Ross & Ricker	AL, TN
unzickeri Ross & Yamamoto	TN
virginiana Frison	AL, DE, GA, MS, NC, SC, VA

vivipara (Claassen)	DC, IA, IL, IN, KS, KY, MD, MI, MN, MO, NY, OH, OK, ON, PA, QB, TN, VA, WI, WV
warreni Ross & Yamamoto	AR
wrayi Ross	DC, DE, GA, MD, NC, SC, TN, VA
zola Ricker	CT, KY, ME, NW, NY, OH, PA, TN, VA, WV
Bolshecapnia	
gregsoni (Ricker)	BC
maculata (Jewett)	CA
milami (Nebeker & Gaufin)	AB, ID, MT
rogozera (Ricker)	BC
sasquatchi (Ricker)	AB, BC, MT
spenceri (Ricker)	AB, BC, MT
Capnia	
bakeri (Banks)	CA
barbata Frison	AZ, CO, NM
barberi Claassen	CA
californica Claassen	AZ, CA
cheama Ricker	AB, BC, MT, YK
coloradensis Claassen	CO, ID, MB, MT, NM, SK, WY, YK
confusa Claassen	AB, AK, BC, CO, ID, MB, MT, NM, SK, UT, WY
cygna Jewett	ID, MT, UT, WA
decepta (Banks)	CO
disala Jewett	OR
elevata Frison	OR, WA
elongata Claassen	BC, CA, OR, WA
ensicala Jewett	OR, WA
erecta Jewett	OR
excavata Claassen	AK, BC, CA
fibula Claassen	AZ, NM
glabra Claassen	CA, OR
gracilaria Claassen	AB, BC, CA, CO, ID, MB, MT, NM, NV, OR, SK, UT, WY
hornigi Baumann & Sheldon	NV
jewetti Frison	OR
lacustra Jewett	CA, NV
licina Jewett	OR
lineata Hanson	CA, ID
manitoba Claassen	CT, MB, ME, QB, WI
melia Frison	AK, BC, OR
nana Claassen	AB, AK, BC, CO, ID, MT, OR, UT, WY
nearctica Banks	AK, BC, MB, NT, ON
nedia Nebeker & Gaufin	ID
oregona Frison	OR
petila Jewett	AB, ID, MT, OR, WY
pileata Jewett	BC, OR
promota Frison	BC, CA, OR, WA
quadrituberosa Hitchcock	CA
scobina Jewett	CA
sextuberculata Jewett	AB, MT, OR
spinulosa Claassen	CA
sugluka Ricker	QB
teresa Claassen	CA
tumida Claassen	BC, CA, OR
uintahi Gaufin	ID, NV, UT, WY
umpqua Frison	CA, OR
utahensis Gaufin & Jewett	NV, UT
venosa (Banks)	OR, WA
vernalis (Newport)	AB, BC, CO, ID, LB, MB, MN, MT, NM, OH, ON, QB, SK, UT, WI, WY
wanica Frison	CO, NM, NV, UT, WY
willametta Jewett	OR
zukeli Hanson	ID
Eucapnopsis	
brevicauda Claassen	AB, AK, AZ, BC, CA, CO, ID, MT, NM, NV, OR, UT, WY
Isocapnia	
abbreviata Frison	CA, OR
agassizi Ricker	BC, OR, WA
crinita (Needham & Claassen)	CO, ID, MT, SK, UT
fraseri Ricker	BC
grandis (Banks)	AB, AK, BC, CA, CO, MT, OR, UT
hyalita Ricker	CO, ID, MT, UT
integra Hanson	AB, MT
missouri Ricker	AB, ID, MT, SK, UT
mogila Ricker	OR
spenceri Ricker	BC, CA, OR
vedderensis (Ricker)	AB, BC, MT, NM, UT
Mesocapnia	
arizonensis (Baumann & Gaufin)	AZ, NM
autumna (Baumann & Gaufin)	AK, BC, OR, WA
bergi (Ricker)	AK
frisoni (Baumann & Gaufin)	CO, NM, TX, UT
lapwae (Baumann & Gaufin)	CA, ID, OR
oenone (Neave)	AB, AK, BC, MT, OR, WA, YK
ogotoruka (Jewett)	AK
porrecta (Jewett)	CA, OR, WA
projecta (Frison)	BC, CA, OR, WA
variabilis (Klapalek)	AK, BC
werneri (Baumann & Gaufin)	AZ, CA, NM
yoloensis (Baumann & Gaufin)	CA, OR
Nemocapnia	
carolina Banks	AL, AR, FL, IL, IN, MS, NC, QB, SC, VA

Paracapnia
angulata Hanson — CO, CT, DE, IL, MA, MB, MD, ME, MI, NC, OH, OK, PA, QB, SK, TN, VA, WI, WV, WY
opis (Newman) — CT, ME, MN, NF, NY, ON, PA, QB, WI
oswegaptera (Jewett) — OR, WA

Utacapnia
columbiana (Claassen) — AB, AK, BC, CA, MT, OR, YK
distincta (Frison) — AB, ID, MT, WY
imbera (Nebeker & Gaufin) — OR, WA
labradora (Ricker) — LB, QB
lemoniana (Nebeker & Gaufin) — CO, ID, NV, UT, WY
logana (Nebeker & Gaufin) — CO, NM, UT, WY
poda (Nebeker & Gaufin) — CO, MT, NM, UT, WY
sierra (Nebeker & Gaufin) — CA
tahoensis (Nebeker & Gaufin) — CA, NV
trava (Nebeker & Gaufin) — AB, ID, MB, MT, SK

Leuctridae

Leuctrinae

Despaxia
augusta (Banks) — AK, BC, CA, ID, MT, OR, WA

Leuctra
alabama James — AL
alexanderi Hanson — KY, NC, SC, TN, VA, WV
alta James — AL
baddecka Ricker — NS
biloba Claassen — AL, GA, NC, ON, TN, VA
carolinensis Claassen — NC, PA, SC, TN, VA
cottaquilla James — AL, FL, MS
crossi James — AL
duplicata Claassen — CT, ME, NY, ON, PA, QB, VA, WV
ferruginea (Walker) — AL, CT, DE, FL, IL, KY, MA, ME, MN, MS, NS, OH, PA, QB, SC, SK, VA, WI, WV
grandis Banks — MA, ME, NC, PA
laura Hitchcock — NH
maria Hanson — CT, NH, ON, QB, VT
mitchellensis Hanson — NC, VA
moha Ricker — AL, GA, SC
monticola Hanson — NC, SC, TN, VA
nephophila Hanson — NC, TN
rickeri James — AL, IL, KY, MS, OH
sibleyi Claassen — CT, DE, IL, IN, KY, MA, MD, ME, NC, NY, OH, ON, PA, QB, SC, TN, VA, WI, WV
szczytkoi Stark & Stewart — LA
tenella Provancher — CT, IN, LB, MA, ME, MN, MS, NJ, NS, NW, NY, ON, PA, QB, WI
tenuis (Pictet) — AL, AR, CT, DE, IL, MA, ME, MI, MN, MO, MS, NJ, NS, NY, OH, OK, ON, PA, QB, SC, TN, VA, WI, WV
triloba Claassen — FL, NC, NY, QB, SC, VA
truncata Claassen — CT, ME, NY, PA, QB, VA, WV
variabilis Hanson — MA, ME, NH, VA, VT

Moselia
infuscata (Claassen) — BC, CA, NV, OR, WA

Paraleuctra
anderšoni Harper & Wildman — CA, OR
divisa (Hitchcock) — CA
forcipata (Frison) — AB, AK, BC, CA, ID, MT, OR
jewetti Nebeker & Gaufin — CO, MT, UT
occidentalis (Banks) — AB, AK, BC, CA, CO, ID, MT, NM, NV, OR, UT, WY
purcellana (Neave) — AB, BC, MT, OR, WY
rickeri Nebeker & Gaufin — AK, ID, MT, NM, UT
sara (Claassen) — CT, DE, KY, MA, ME, NC, NY, ON, QB, SC, TN, VA, WV
vershina Gaufin & Ricker — AB, AK, BC, CA, CO, ID, MT, NM, NV, OR, SK, UT, WA, WY

Perlomyia
collaris Banks — BC, CA, ID, OR
utahensis Needham & Claassen — AB, BC, CA, CO, MT, NM, NV, OR, UT, WA, WY

Zealeuctra
arnoldi Ricker & Ross — TX
cherokee Stark & Stewart — AR, OK
claasseni (Frison) — AR, IL, IN, KS, KY, MO, OK, TX, VA

fraxina Ricker & Ross	IL, KY, OH, TN, WV
hitei Ricker & Ross	TX
narfi Ricker & Ross	AR, IL, MO, OK, WI
warreni, Ricker & Ross	AR, MO, OK
washita Ricker & Ross	AR

Megaleuctrinae

Megaleuctra

complicata Claassen	OR, WA
flinti Baumann	PA, VA
kincaidi Frison	ID, OR, WA
sierra Fields	CA
stigmata (Banks)	AB, BC, MB, MT, WA
williamsae Hanson	SC, TN, VA

Nemouridae

Amphinemurinae

Amphinemura

apache Baumann & Gaufin	AZ
banksi Baumann & Gaufin	AZ, CO, ID, MT, SD, UT, WY
delosa (Ricker)	AL, AR, GA, IL, IN, KS, KY, MI, MO, MS, OH, OK, ON, PA, QB, TN, VA, WI, WV
linda (Ricker)	AB, AK, BC, CO, LB, MB, MI, NT, ON, PA, QB, SK, WI
mexicana Baumann	MX
mockfordi (Ricker)	TN
mogollonica Baumann & Gaufin	AZ, NM, UT
nigritta (Provancher)	AL, CT, DE, FL, GA, IL, IN, KY, LA, LB, ME, MS, NS, OH, PA, QB, SC, TN, TX, VA, WV
puebla Baumann	MX
reinerti Baumann	MX
varshava (Ricker)	IL, IN, KY, PA, WI
venusta (Banks)	AZ, MX
wui (Claassen)	CT, DE, GA, KY, MA, ME, NC, NJ, NS, NW, NY, PA, QB, SC, TN, VA, WV

Malenka

bifurcata (Claassen)	OR, WA
biloba (Claassen)	CA
californica (Claassen)	AB, BC, CA, CO, ID, MB, MT, NV, SK, UT, WY
coloradensis (Banks)	AZ, CO, NM, SD, UT, WY
cornuta (Claassen)	BC, OR, WA
depressa (Banks)	CA, OR
flexura (Claassen)	AB, CO, ID, MT, NM, OR, WA, WY
marionae (Hitchcock)	CA
perplexa (Frison)	OR, WA
tina (Ricker)	ID, MT, NV, OR, WA
wenatchee (Ricker)	WA

Nemourinae

Lednia

tumana (Ricker)	MT

Nemoura

arctica Esben-Petersen	AB, AK, BC, MB, QB, SD
normani Ricker	AK, NT
rickeri Jewett	AK, MB, SK
spiniloba Jewett	CA
trispinosa Claassen	IL, LB, MB, ME, NS, NY, ON, QB, WI

Ostrocerca

albidipennis (Walker)	CT, MA, ME, NH, NS, NY, ON, QB, VA
complexa (Claassen)	CT, MA, ME, NY, ON, PA, QB, VA, WV
dimicki (Frison)	BC, OR, WA
foersteri (Ricker)	BC, OR, WA
prolongata (Claassen)	DE, ME, NH, NW, QB, VA, WV
truncata (Claassen)	CT, MA, MD, ME, NY, OH, ON, PA, QB, VA, WV

Paranemoura

perfecta (Walker)	CT, ME, NC, NS, NY, ON, PA, QB, VA, WV

Podmosta

decepta (Frison)	AB, AK, BC, CO, ID, MT, OR, UT, WA
delicatula (Claassen)	AB, BC, CA, CO, ID, MT, NM, NV, OR, SK, UT, WY
macdunnoughi (Ricker)	LB, ME, NF, NS, QB
obscura (Frison)	OR, WA
weberi (Ricker)	AK, YK

Prostoia

besametsa (Ricker)	AB, BC, CA, CO, ID, MT, NM, NV, OR, UT, WY
completa (Walker)	AL, AR, DE, IL, MA, ME, MI, MN, MO, MS, NC, NS, OK, ON, QB, SC, VA, WI, WV

hallasi Kondratieff & Kirchner	VA
similis (Hagen)	CT, DE, IN, KY, MA, ME, MI, MN, OH, QB, SC, VA, WI, WV
Shipsa	
rotunda (Claassen)	AB, AK, AL, MB, MD, ME, MI, MN, NT, ON, QB, SC, SK, VA, WI
Soyedina	
carolinensis (Claassen)	DE, NC, TN, VA, WV
interrupta (Claassen)	BC, OR, WA
nevadensis (Claassen)	CA, NV
potteri (Baumann & Gaufin)	ID, MT
producta (Claassen)	BC, CA, OR, WA
vallicularia (Wu)	CT, IN, KY, ME, MI, NS, NY, OH, ON, PA, QB, VA, WI, WV
washingtoni (Claassen)	CT, ME, NH, PA
Visoka	
cataractae (Neave)	AB, BC, CA, ID, MT, OR, WA
Zapada	
chila (Ricker)	TN
cinctipes (Banks)	AK, BC, CA, CO, ID, MB, MT, NM, NV, SD, SK, UT, WY
columbiana (Claassen)	AB, AK, BC, CA, ID, MT, OR, UT, WA, WY
cordillera (Baumann & Gaufin)	CA, ID, MT, OR, WA
frigida (Claassen)	AB, AK, BC, CA, CO, ID, MT, NM, NV, OR, UT, WA
glacier (Baumann & Gaufin)	MT
haysi (Ricker)	AB, AK, BC, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
oregonensis (Claassen)	AB, AK, BC, CA, CO, ID, MT, NV, OR, WY, YK
wahkeena (Jewett)	OR

Taeniopterygidae

Brachypteryinae

Bolotoperla	
rossi (Frison)	ME, NC, NH, QB, VA, WV
Doddsia	
occidentalis (Banks)	AK, BC, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
Oemopteryx	
contorta (Needham & Claassen)	CT, KY, MA, ME, NH, TN, VA, WV
fosketti (Ricker)	AB, CO, MB, MT, SK, UT
glacialis (Newport)	CT, MN, NY, ON, QB, WI
vanduzeea (Claassen)	CA
Strophopteryx	
appalachia Ricker & Ross	NC, TN, VA, WV
arkansae Ricker & Ross	AR, MO
cucullata Frison	OK
fasciata (Burmeister)	AL, CT, DE, IN, KS, KY, MB, ME, MN, MS, NC, ND, OH, OK, PA, QB, SC, WI
inaya Ricker & Ross	NC, SC
limata (Frison)	TN, VA
ostra Ricker & Ross	AR, OK, TX
Taenionema	
atlanticum Ricker & Ross	CT, KY, LB, MA, MD, ME, NC, NF, NH, NY, QB, TN, VA, WV
californicum (Needham & Claassen)	CA
grinnelli (Banks)	CA
nigripenne (Banks)	AB, AZ, BC, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
oregonense (Needham & Claassen)	OR, WA
pacificum (Banks)	AB, AZ, BC, CA, CO, ID, MT, NM, OR, UT, WA, WY
pallidum (Banks)	BC, CA, CO, MT, NM, OR, UT, WA
raynorium (Claassen)	CA

Taeniopteryginae

Taeniopteryx	
burksi Ricker & Ross	AL, CT, DE, FL, IA, IL, IN, KS, KY, LA, MD, ME, MN, MO, MS, OH, OK, ON, PA, QB, TN, TX, VA, WI, WV
lita Frison	AL, AR, FL, IL, IN, KY, LA, MS, NC, NJ, SC, TX, VA
lonicera Ricker & Ross	AL, FL, GA, LA, MD, MS, SC, TN, TX, VA

maura (Pictet) AL, AR, CT, DE, GA, IN, KY, MA, MD, ME, MN, MS, NC, OH, PA, SC, TN, TX, VA, WV
metequi Ricker & Ross AL, AR, IL, IN, KS, KY, OH, OK, ON, PA, VA, WV
nelsoni Kondratieff & Kirchner VA
nivalis (Fitch) AB, CA, CT, DE, ID, IL, IN, MB, ME, MN, NY, ON, OR, PA, QB, SK, UT, WI
parvula Banks AB, AR, CT, GA, IN, KY, MB, ME, MI, MN, MS, NY, OH, ON, PA, QB, SC, TN, VA, WI, WV
pecos Baumann & Jacobi NM
robinae Kondratieff & Kirchner SC
starki Stewart & Szczytko TX
ugola Ricker & Ross GA, TN, VA, WV

SYSTELLOGNATHA

Chloroperlidae

Chloroperlinae

Alloperla
acadiana Harper NW
aracoma Harper & Kirchner WV
atlantica Baumann CT, GA, IN, MA, MD, ME, MI, MN, NC, NH, NS, NW, NY, ON, PA, QB, SC, TN, VA, VT
banksi Frison IL, ME, MI, NS, NY, ON, VA
biserrata Nelson & Kondratieff VA
caudata Frison AR, CT, IL, IN, MA, ME, MO, NF, NS, OH, OK, QB, VA
chandleri Jewett CA
chloris Frison CT, KY, MA, ME, NY, OH, QB, VA, WV
concolor Ricker CT, MA, ME, NF, ON, PA, QB, VA
delicata Frison AB, BC, CA, ID, MT, OR
fraterna Frison AK, BC, CA, OR, WA
furcula Surdick SC
hamata Surdick AL, AR, MO
idei (Ricker) KY, ME, OH, QB, VA
imbecilla (Say) IN, KY, NY, OH, QB, VA, WV
leonarda Ricker ME, MI, MN, MO, QB
medveda Ricker AB, BC, ID, MT, WY, YK
nanina Banks GA, NC, NY, SC, TN, VA
natchez Surdick & Stark MS
neglecta Frison NC, NF, NY, ON, PA, TN, VA
ouachita Stark & Stewart AR
pilosa Needham & Claassen CO
roberti Surdick IL
serrata Needham & Claassen AB, AK, BC, ID, MT, WA, WY
severa (Hagen) AB, AK, BC, CA, CO, ID, MT, NT, NV, OR, UT, WA, WY
usa Ricker GA, SC, TN, VA, WV
voinae Ricker MA, ME, NS, NY, QB, VT
vostoki Ricker NS, NY, PA

Bisancora
pastina (Jewett) CA, OR
rutriformis Surdick CA

Chloroperla
ovibovis (Ricker) AK, NT

Haploperla
brevis (Banks) AB, AL, AR, BC, CT, DE, GA, IL, IN, KY, MA, MB, MD, ME, MI, MN, MO, NC, NJ, NS, NW, NY, OH, OK, ON, PA, QB, SC, SK, TN, VA, WI, WV
chilnualna (Ricker) BC, CA, OR, WA
chukcho (Surdick & Stark) MS
orpha (Frison) ME, MN, ND, NW, QB, WI

Neaviperla
forcipata (Neave) AB, AK, BC, MT, WA

Plumaperla
diversa (Frison) AB, AK, BC, CA, CO, ID, MT, NV, OR, UT, WA, YK
spinosa (Surdick) CA

Rasvena
terna (Frison) NH, NY, TN, VT, WV

Suwallia
autumna (Hoppe) AB, BC, CA, ID, MT, OR, WA, WY
dubia (Frison) AB, AK, BC, CO, ID, MT, OR, UT, WN, WY

lineosa (Banks)	BC, CO, ID, MT, OR, SK, UT, WA, WY
marginata (Banks)	LB, MA, ME, NY, PA, QB, VA, WV, WI
pallidula (Banks)	AB, AK, AZ, BC, CA, CO, ID, MB, MT, NM, NV, OR, UT, WA, WY
Sweltsa	
albertensis (Needham & Claassen)	AB, ID, MT, WY
borealis (Banks)	AB, AK, BC, CA, CO, ID, MT, NM, NV, OR, SD, UT, WA, WY, YK
californica (Jewett)	CA
coloradensis (Banks)	AB, AZ, BC, CA, CO, ID, MT, NM, NV, OR, SD, UT, WA, WY
continua (Banks)	CA
exquisita (Frison)	AK, BC, OR, WA
fidelis (Banks)	AB, AK, BC, CA, CO, ID, NV, MT, OR, UT, WA, WY, YK
gaufini Baumann	ID, UT
hondo Baumann & Jacobi	NM
lamba (Needham & Claassen)	CO, ID, MT, NM, OR, UT, WY
lateralis (Banks)	CT, GA, MA, ME, NC, NH, PA, QB, SC, VA
mediana (Banks)	AL, CT, NC, PA, TN, VA
naica (Provancher)	IN, LB, ME, NS, NY, PA, QB, VA
occidens (Frison)	BC, ID, MT, OR, WA
onkos (Ricker)	DE, KY, LB, ME, NC, NS, NY, OH, ON, PA, QB, VA
oregonensis (Frison)	AK, BC, OR, WA
pacifica (Banks)	AK, BC, CA, ID, OR, WA
revelstoka (Jewett)	AB, BC, MT, OR, WA, WY
tamalpa (Ricker)	CA
townesi (Ricker)	CA, NV
urticae (Ricker)	NC, VA
Triznaka	
pintada (Ricker)	AZ, CA, CO, ID, NM, NV, SD, UT, WA, WY
signata (Banks)	AK, BC, CO, ID, MT, NM, OR, SD, SK, UT, WA, WY
Paraperlinae	
Kathroperla	
perdita Banks	AB, BC, CA, ID, MT, NV, OR, WA
Paraperla	
frontalis (Banks)	AB, AK, BC, CA, CO, ID, MT, NM, OR, SD, UT, WA, WY, YK
wilsoni Ricker	AB, BC, CA, ID, MT, OR, WA, YK
Utaperla	
gaspesiana Harper & Roy	NH, PA, QB, WV
sopladora Ricker	AB, AK, BC, ID, MT, NV, UT, WY, YK
Peltoperlidae	
Peltoperlinae	
Peltoperla	
arcuata Needham	KY, NY, PA, QB, TN, VA, WV
Sierraperla	
cora (Needham & Smith)	CA, NV, OR
Soliperla	
campanula (Jewett)	OR
fenderi (Jewett)	WA
quadrispinula (Jewett)	CA, OR
sierra Stark	CA
thyra (Needham & Smith)	CA, NV
tillamook Stark	OR
Tallaperla	
anna (Needham & Smith)	GA, NC, PA, SC, VA,
cornelia (Needham & Smith)	FL, GA, NC, SC
elisa Stark	NC, TN
laurie (Ricker)	GA, SC, TN
lobata Stark	VA
maria (Needham & Smith)	CT, DE, GA, MA, MD, ME, NC, NH, NY, PA, SC, TN, VA, WV
Viehoperla	
ada (Needham & Smith)	GA, NC, SC, TN
Yoraperla	
brevis (Banks)	AB, BC, CA, ID, MT, NV, OR, WA, WY
mariana (Ricker)	BC, CA, OR, WA
Perlidae	
Acroneuriinae	
Acroneuriini	
Acroneuria	
abnormis (Newman)	AB, AL, CO, CT, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MB,

	MD, ME, MI, MN, MS, MT, NB, NC, NM, NW, NY, OH, ON, PA, QB, SC, SK, TN, UT, VA, WI, WV, WY
arenosa (Pictet)	AL, DC, DE, FL, GA, LA,, MD, ME, MS, NJ, PA, QB, SC, TX, VA, WV
arida (Hagen)	GA, NC, NJ, PA, TN
carolinensis (Banks)	CT, KY, MA, MB, ME, MN, NC, NJ, NY, OH, ON, PA, QB, SC, TN, VA, WV
evoluta Klapalek	AR, IL, IN, KS, KY, MI, MO, OH, OK, ON, PA, TN, VA, WV
filicis Frison	AL, AR, GA, IL, IN, KY, MD, MO, OH, SC, TN, VA, WV
flinti Stark & Gaufin	VA
internata (Walker)	AR, GA, IL, IN, KY, MI, MN, MO, OK, VA, WI, WV
lycorias (Newman)	AB, CT, IL, KY, MB, ME, MI, MN, NY, OH, ON, PA, QB, SK, TN, VA, WI, WV
mela Frison	AL, AR, FL, GA, IL, IN, KS, MO, MS, OK, PA, TX
perplexa Frison	AL, AR, DC, GA, IL, IN, KY, MO, OH, OK, PA, TN, WV
petersi Stark & Gaufin	GA, TN
Attaneuria	
ruralis (Hagen)	AL, AR, DC, FL, GA, IA, IL, IN, KS, MB, MD, MN, MO, MS, NC, PA, SC, TN, VA, WI
Beloneuria	
georgiana (Banks)	GA, NC
jamesae Stark & Szczytko	AL
stewarti Stark & Szczytko	NC, SC, TN
Calineuria	
californica (Banks)	AB, BC, CA, ID, MT, OR, WA
Doroneuria	
baumanni Stark & Gaufin	BC, CA, NV, OR, WA
theodora (Needham & Claassen)	AB, BC, ID, MT, UT, WY
Eccoptura	
xanthenes (Newman)	AL, CT, DE, FL, GA, KY, MD, MS, NC, OH, PA, SC, TN, VA, WV
Hansonoperla	
appalachia Nelson	MA, TN, WV
Hesperoperla	
hoguei Baumann & Stark	CA
pacifica (Banks)	AB, AK, AZ, BC, CA, CO, ID, MT, NM, NV, OR, SD, SK, UT, WA, WY
Perlesta	
frisoni Banks	NC, SC, TN
placida (Hagen)	AL, AR, AZ, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MB, ME, MO, MS, NB, OH, OK, ON, PA, QB, SC, SK, TN, TX, UT, VA, WI, WV, WY
Perlinella	
drymo (Newman)	AL, AR, CT, FL, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MO, MS, NY, OH, OK, QB, SC, TX, VA, WI, WV
ephyre (Newman)	AL, AR, CT, FL, IN, KY, LA, MD, MN, MO, MS, NJ, OK, PA, SC, VA, WI, WV
fumipennis (Walsh)	AL, CT, FL, IL, MS, SC
Anacroneuriini	
Anacroneuria	
wipukupa Baumann & Olson	AZ
Perlinae	
Neoperlini	
Neoperla	
carlsoni Stark & Baumann	FL, LA, MS, OK, SC, TX
catharae Stark & Baumann	AR, OH, VA
choctaw Stark & Baumann	OK, WV
clymene (Newman)	AL, CT, FL, GA, IN, KS, LA, MS, NY, OK, ON, PA, QB, TX, VA, WI, WV
freytagi Stark & Baumann	AR, KY, ME, NY, OH, ON, SC, TN, VA

gaufini Stark & Baumann — IN, KY, OH
mainensis Banks — ME, OH
stewarti Stark & Baumann — AR, KY, ME, MS, OH, VA, WI

Perlini

Agnetina
capitata (Pictet) — CT, DC, DE, FL, GA, IN, KS, KY, LA, MA, MB, MD, ME, MN, MO, MS, NC, NH, NY, OH, OK, ON, PA, QB, SC, TN, VA, WI, WV

Claassenia
sabulosa (Banks) — AB, AZ, BC, CA, CO, ID, MB, MT, NM, OR, QB, SD, SK, UT, WA, WY

Paragnetina
fumosa (Banks) — AL, DC, FL, GA, LA, MS, NC, SC, TX, VA
ichusa Stark & Szczytko — NC, SC, TN
immarginata (Say) — CT, DE, GA, MA, ME, NC, NH, NY, PA, QB, SC, TN, VA, WV
kansensis (Banks) — AL, FL, GA, IL, IN, KS, LA, MS, SC
media (Walker) — CT, DE, IN, KY, MB, ME, MI, MO, NH, OH, ON, PA, QB, SK, VA, WI, WV

Perlodidae

Isoperlinae

Calliperla
luctuosa (Banks) — CA, OR, WA

Cascadoperla
trictura (Hoppe) — BC, CA, ID, MT, OR, WA

Clioperla
clio (Newman) — AL, AR, CT, DE, FL, GA, IL, IN, KY, MA, MD, MI, MO, MS, NC, OH, OK, ON, PA, SC, TN, VA, WI, WV

Isoperla
acula Jewett — CA
aduncа Jewett — CA
baumanni Szczytko & Stewart — CA
bellona Banks — GA, NC
bifurcata Szczytko & Stewart — CA, ID, OR, WA
bilineata (Say) — CO, CT, IL, IN, KS, KY, MA, MB, ME, MI, MN, MS, NB, NC, NF, NW, NY, OH, ON, PA, QB, SK, VA, WI, WV
burksi Frison — AR, IL, IN, KY, OH, WV
conspicua Frison — IL
cotta Ricker — MA, MI, ON, QB, SC, WI, WV
coushatta Szczytko & Stewart — AR, DE, LA, MS, OK, TX, VA
davisi James — AL
decepta Frison — IL, IN, OH, ON
decolorata (Walker) — AK, BC, MB, NT, SK, YK
denningi Jewett — CA
dicala Frison — CT, FL, IN, MA, MB, ME, MI, MN, MO, ON, PA, QB, SC, TN, VA, WI, WV
distincta Nelson — NC, SC, TN
emarginata Harden & Mickel — MN
extensa Claassen — NB
francesca Harper — CT, MA, ME, NY, QB
frisoni Illies — BC, CT, DE, IN, MB, ME, MN, NS, NW, OH, QB, WI
fulva Claassen — AB, AZ, BC, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
fusca Needham & Claassen — AB, BC, ID, MT, OR, WA, WY, YK
gibbsae Harper — CT, NY, QB, WV
gravitans (Needham & Claassen) — OR, WA
holochlora (Klapalek) — CT, DE, GA, KY, MA, ME, NC, NY, PA, QB, SC, TN, VA, WV
irregularis (Klapalek) — TX
jewetti Szczytko & Stewart — CO, TX
katmaiensis Szczytko & Stewart — AK
lata Frison — MA, ME, MI, MN, NS, ON, QB, TN, VA, WI, WV
longiseta Banks — AB, BC, CO, IA, ID, IL, KS, MB, MN, MO, MT, NM, QB, SD, SK, UT, WI, WY
major Nelson & Kondratieff — VA
marlynia (Needham & Claassen) — IL, IN, KS, KY, MB, ME, MI, MN, NB, NH, NJ, NS, NW, OK, ON, PA, QB, SC, SK, VA, WI, WV

marmorata Needham & Claassen	CA, NV, OR, WA
maxana Harden & Mickel	MN
mohri Frison	AR, IL, KS, LA, MO, OK, PA
montana (Banks)	CT, DE, ME, MN, NH, NS, NY, ON, PA, QB
mormona Banks	AZ, BC, CA, CO, ID, MT, NM, OR, UT, WA, WY
namata Frison	AR, IN, KY, ME, MO, OH, PA, VA, WV
nana (Walsh)	IL, IN, KY, OH, ON, QB, WI
orata Frison	CT, FL, ME, MN, NC, NH, NS, NW, NY, OH, PA, QB, SC, TN, VA, VT, WV
ouachita Stark & Stewart	AR, OK
petersoni Needham & Christenson	AB, AK, BC, CO, ID, MT, SK, UT, WY, YK
phalerata (Smith)	CO, ID, NM, OR, SD, UT, WY
pinta Frison	AB, BC, CA, CO, ID, MT, OR, UT, WA, WY
quinquepunctata (Banks)	AB, BC, CA, CO, ID, MT, NM, NV, OR, SD, SK, UT, WY
raineri Jewett	OR, WA
richardsoni Frison	CT, IL, KY, MN, PA, WI, WV
roguensis Szczytko & Stewart	CA, OR
sagittata Szczytko & Stewart	TX
signata (Banks)	CT, MB, ME, MI, MN, NS, NW, NY, OH, OK, PA, QB, VA, WI, WV
similis (Hagen)	CT, DE, KY, MA, MD, ME, NC, NH, PA, QB, SC, TN, VA, WV
slossonae (Banks)	CT, ME, MI, MN, NH, NS, NW, NY, QB, VA, WI
sobria (Hagen)	AB, AK, AZ, BC, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY, YK
sordida Banks	AB, BC, CA, ID, MT, OR, WA
tilasqua Szczytko & Stewart	OR
transmarina (Newman)	AB, BC, CT, DE, KY, LB, MB, ME, MI, MN, NF, NJ, NW, NY, ON, PA, QB, SK, VA, WI, WV

Perlodinae

Arcynopterygini

Arcynopteryx	
compacta (McLachlan)	AB, AK, BC, CO, ME, MT, NH, SK, WY
Frisonia	
picticeps (Hanson)	BC, CA, NV, OR, WA
Megarcys	
irregularis (Banks)	BC, WA
signata (Hagen)	AK, BC, CO, ID, MT, NM, NV, UT, WY
subtruncata Hanson	BC, ID, MT, OR, WA
watertoni (Ricker)	AB, BC, ID, MT
yosemite (Needham & Claassen)	CA, WA
Oroperla	
barbara Needham	CA
Perlinodes	
aurea (Smith)	AB, CA, ID, MT, OR, WA, WY
Setvena	
bradleyi (Smith)	AB, BC, ID, MT
tibialis (Banks)	BC, OR, WA
wahkeena Stewart & Stanger	OR
Skwala	
curvata (Hanson)	BC, ID, MT, OR, WA, WY
parallela (Frison)	AZ, BC, CA, CO, ID, MB, MT, NM, NV, OR, SK, UT, WA, WY

Diploperlini

Baumannella	
alameda (Needham & Claassen)	CA
Cultus	
aestivalis (Needham & Claassen)	AZ, BC, CO, ID, MT, NM, UT, WY, YK
decisus (Walker)	CT, GA, IN, KY, ME, MI, NC, NY, OH, ON, PA, QB, TN, VA, WV
pilatus (Frison)	BC, CA, ID, MT, OR, WA
tostonus (Ricker)	BC, CA, ID, MT, OR, WA, WY
Diploperla	
duplicata (Banks)	AL, DE, GA, MS, SC, TN, VA, WV
kanawholensis Kirchner & Kondratieff	WV
morgani Kondratieff & Voshell	VA, WV
robusta Stark & Gaufin	CT, IN, KY, OH, PA, VA, WV

Kogotus
nonus (Needham & Claassen) BC, CA, ID, MT, OR, WA, WY
modestus (Banks) BC, CO, ID, MT, NM, UT, WY

Osobenus
yakimae (Hoppe) BC, CA, OR, WA

Pictetiella
expansa (Banks) CO, ID, MT, UT, WY

Remenus
bilobatus (Needham & Claassen) AL, CT, DE, GA, KY, NC, NY, PA, SC, TN, VA, WV

Rickera
sorpta (Needham & Claassen) CA, NV, OR, WA

Perlodini

Chernokrilus
erratus (Claassen) CA
misnonus (Claassen) CA, OR
venustus (Jewett) CA

Diura
bicaudata (Linnaeus) AK, MB, NT, SK, YK
knowltoni (Frison) AB, BC, CA, CO, ID, MT, NM, NV, OR, SK, UT, WY, YK
nanseni (Kempny) NH, QB

Helopicus
bogaloosa Stark & Ray FL, GA, LA, MS, SC
nalatus (Frison) AR, IN, KS, MI, MO, OK
rickeri Stark TN
subvarians (Banks) CT, FL, KY, ME, NC, ON, PA, QB, SC, TN, VA, WV

Hydroperla
crosbyi (Needham & Claassen) AR, IL, IN, KS, MO, OK, TX
fugitans (Needham & Claassen) AR, IL, IN, KS, TN, TX
phormidia Ray & Stark FL, SC

Isogenoides
colubrinus (Hagen) AB, AK, AZ, BC, CA, CO, ID, MB, MT, NT, SK, UT, WY, YK
doratus (Frison) IA, MI, PA, QB
elongatus (Hagen) AB, AZ, BC, CO, ID, MB, MT, NM, UT, WA, WY
frontalis (Newman) LB, MB, ME, MI, MN, NF, NY, QB, SK, WI
hansoni (Ricker) CT, MA, MD, ME, NC, NS, NW, NY, PA, QB, VA, WV
krumholzi (Ricker) MB, MI, MN
olivaceus (Walker) MI, MN, ON, QB, WI
varians (Walsh) IL, IN, MI, MN, MS, SC, TN
zionensis Hanson AK, AZ, CO, NM, UT

Malirekus
hastatus (Banks) GA, KY, ME, NC, NY, QB, SC, TN, VA, VT, WV

Oconoperla
inuubila (Needham & Claassen) NC, SC, TN

Yugus
arinus (Frison) GA, NC, PA, SC, TN, VA, WV
bulbosus (Frison) GA, NC, PA, SC, TN, VA, WV

Pteronarcyidae

Pteronarcyinae

Pteronarcellini

Pteronarcella
badia (Hagen) AB, AK, AZ, BC, CO, ID, MT, NM, NV, OR, SK, UT, WY
regularis (Hagen) AB, AK, CA, NV, OR, WA

Pteronarcyini

Pteronarcys
biloba Newman AL, CT, GA, MA, ME, NC, NH, NS, NY, PA, QB, SC, VA, WV
californica Newport AK, AZ, BC, CA, CO, ID, MT, NM, OR, UT, WA, WY
comstocki Smith ME, NW, NY, PA, VA, WV
dorsata (Say) AL, AB, AK, BC, FL, IL, KS, KY, LA, LB, MB, ME, MN, MS, MT, NB, NY, OH, PA, QB, SC, SK, TN, VA, WI, WV, WY
pictetii Hagen CT, IL, IN, KS, KY, MB, MN, MO, OH, PA, TN, WI
princeps Banks BC, CA, ID, NV, OR, UT
proteus Newman KY, MB, ME, NC, NH, NY, PA, QB, SC, VA, WV
scotti Ricker GA, NC, PA, SC, TN, VA

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